HOMELINE®
IMPROVING COMFORT

TWINDRIVE®
TD1 280 (Microprocessor)

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WE IMPROVE YOUR LIFE

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Preface

We are delighted that you have chosen a product from LINAK A/S. LINAK systems are high-tech products based on many years of experience in the manufacture and development of actuators, electric control boxes, controls, and chargers. We are also constantly improving our products to meet customer requirements.

This User Manual will tell you how to install, use, and maintain your LINAK TWINDRIVE® products.

We are sure that the TWINDRIVE® products will give you many years of problem-free operation. Before our products leave the factory they undergo full function and quality testing. Should you nevertheless experience problems with your systems, you are always welcome to contact our service departments or service centres.

LINAK subsidiaries and distributors all over the world have authorised service centres, which are always ready to help you.

LINAK provides a warranty on all its products. This warranty, however, is subject to correct use in accordance with the specifications, maintenance being done correctly and any repairs being carried out at a service centre, which is authorised to repair LINAK products.

Changes in installation and use of LINAK systems can affect their operation and durability. Changes must therefore only be made by agreement with LINAK A/S and are made at your own risk.

LINAK A/S

Important information

Important information on LINAK® products can be found under the following headings:

Warning!
Failure to comply with these instructions may result in accidents involving serious personal injury.

Failing to follow these instructions can result in the product being damaged or being ruined.

Safety instructions

Safe use of the system is possible only when the operating instructions are read completely and the instructions contained are strictly observed.

Failure to comply with instructions marked with the "NOTE" symbol may result in serious damage to the system or one of its components.

Persons who do not have the necessary experience or knowledge of the product/ products must not use the product/ products. Besides, persons with reduced physical or mental abilities must not use the product/products, unless they are under surveillance or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons.

Moreover, children must be under surveillance or be supervised to ensure that they do not play with the product.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

It is important for everyone who is to connect, install, or use the systems to have the necessary information and access to this User Manual.

If there is visible damage on the product it must not be installed.

Before installation, reinstallation, or troubleshooting:

- Stop the TD1
- Switch off the power supply and pull out the mains plug.
- Relieve the TD1 of any loads, which may be released during the work.

Before start-up:

- Make sure that the system has been installed as instructed in this User Manual.
- Make sure that the voltage is correct before the system is connected to the mains. (See TD1 label on page 10).
- System connection. The individual parts must be connected before connection to the mains.

During operation

- Take care that the cables are not damaged.
- Unplug the mains cable on mobile equipment before it is moved.
- The products must only be used in an environment, which corresponds to their IP protection.

Repairs

In order to avoid the risk of malfunction, all TWINDRIVE® repairs must only be carried out by authorised LINAK workshops or repairers, as special tools must be used and special gaskets must be fitted. TWINDRIVE under warranty must also be returned to authorised LINAK workshops.

Warning!
If any of the TWINDRIVE® products are opened, there will be a risk of subsequent malfunction. Furthermore, the warranty will not cover, when the product has been opened by unautorised personnel.

Warning!
The TWINDRIVE® systems do not withstand to cutting oil.

Warning!
If the supply cable is damaged the product must not be used or connected to the mains. The product has to be replaced by a new to avoid a safety hazard.

- **Statement – for all intentional and unintentional radiators:**
  Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- **Statement for Digital devices for Class B:**
  NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not in-stalled and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/ TV technician for help.

Misc. on the TWINDRIVE® TD1 280 system

This system is a TWINDRIVE system developed for leisure beds and for indoor use in private homes.

We advise children and disabled persons not to use the TD1 system without supervision.

Warranty

There is 36 months' warranty on the TWINDRIVE® products TD1 and HB10/HB20 against manufacturing faults calculated from the production date of the individual products (see label). LINAK A/S' warranty is only valid in so far as the equipment has been used and maintained correctly and has not been tampered with. Furthermore, the system must not be exposed to violent treatment. In the event of this, the warranty will be ineffective/invalid.
For further details, please see LINAK A/S' ordinary conditions of sale.

Maintenance

Clean dust and dirt on the outside of the system, at appropriate intervals and inspect them for damage and breaks.
Inspect the connections, cables, and plugs and check for correct functioning as well as fixing points.

The system must only be cleaned with a firmly wrung cloth. The cleaners and disinfectants must not be highly alkaline or acidic (pH value 6-8).

It is not allowed to use solvents for cleaning up.

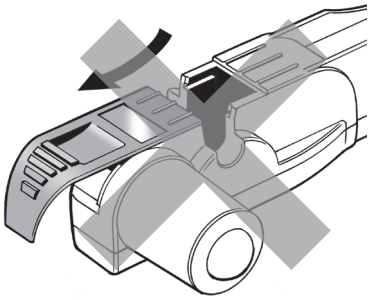
Description of the TWINDRIVE® TD1 280 system

Each TWINDRIVE® TD1 unit consists of 1 - 2 internal motors and a built-in control box function which makes it a very compact unit. The mains cable is fixed. Only the handset and optional 1 - 2 external actuators or massage motors must be connected.

Application of the TWINDRIVE® TD1 280 system:
Irrespective of the load the **duty cycle 10% ~ 6 min./ hour or max. 2 min. at continuous use** stated in the data sheets, must **NOT** be exceeded as this will result in a superheating of the motor and the spindle nut. Exceeding the duty cycle will result in a dramatic reduction of the life of the system.

Do not turn the system if it is not mounted in a bed.

Do not open the closing device on the TD1 during operation as this may cause malfunction and possibility of personal injuries.



Be sure that the closing devices are in place before the TD1 is used.

The TWINDRIVE® TD1 system range contains the following products:
- 1 TD1 - 280
- 1 HB20RF Transmitter
- 1 RFRL Receiver

Optional
- 9V batteries
- 1 - 2 actuators (LA27 or LA31)
- Mains cut-off
- Massage motors

Mounting guidelines for the TWINDRIVE® 280 system

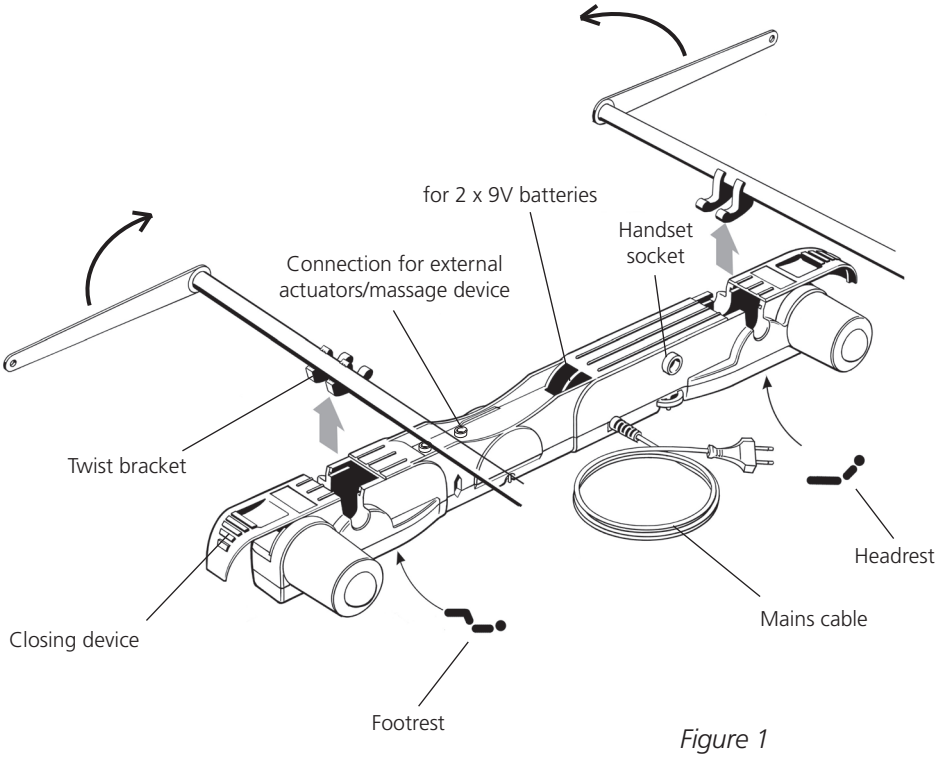


Figure 1
(Assembly overview)

Connect the cable from the 2 x 9V batteries to the TD1 when connecting the mains.

Connection to the mains

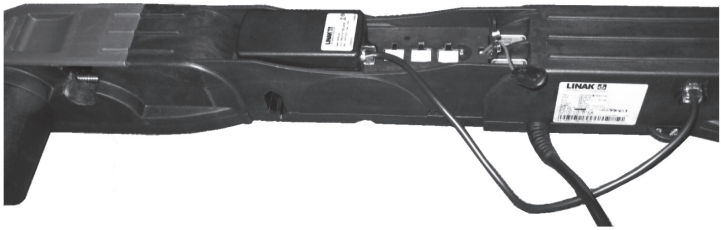
Please note that the TD1 must only be connected to the voltage stated on the label.

LINAK
WE IMPROVE YOUR LIFE
Item : TD1000000A00000
Date : 2006.05.09
U in : 230-240 V~, 50 Hz
P in : 50 W
Torque : 280 Nm
Angle : Head 68° / Foot 45°
Duty Cycle: 10%, Max. 2 min./18 min.
LGA
NOT TO BE OPENED BY UNAUTHORIZED PERSONNEL
P.O.123456 – 0002 MADE BY LINAK A/S DENMARK

RF System (Radio Frequency)

RF system consist of 3 units. Receiver, cable and transmitter.

Mounting:



Place the RFR box in the groove and connect the cable in one of the ports of the RFR box and then into TD.

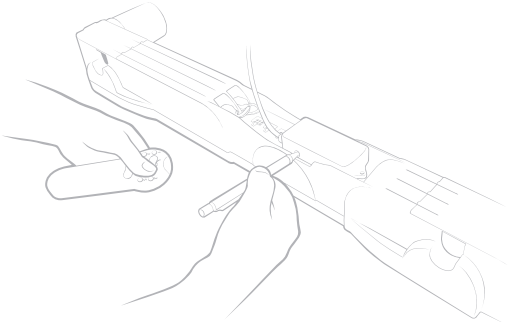
Do not drill holes into the TD to fasten the RFR box.

Start-up:
The TD can accept commands from up to 2 RF handsets.

From the factory, the TD cannot recognize any RF handsets at all. Therefore, the end user/bed manufacturer must match it to the RF handset before they can control the TD operation.

Conditions which must be fulfilled prior to activating the learning mode:

TD1:
1. Connect the TD1 to the mains
2. Wait 20 sec.
3. Activate the reset key on the TD1 by using a pen, keep the button pressed (1 - 2 sec.). Push at the same time on a button at the HB. HB is now paired to the TD. System is now (setup) ready to be used. (This learning mode also works via battery pack).



HB20RF

- After having activated the RF handset keys; the reset key must be released.

Initialisation of the TD1 memory system.

To ensure optimum drive of the systems with memory, all extra channels must be run out to the outward position and in again before use. This drive (out + in) must be done without stops.

How to store

- Drive to the desired position
- Push "S"
- Immediately afterwards the desired memory position (1, 2 or 3)
- The position is now stored

Drive to stored memory position

- Push (1, 2 or 3) keep the button down until the position has been reached

The system runs sequentially.

Disturb of RF signals

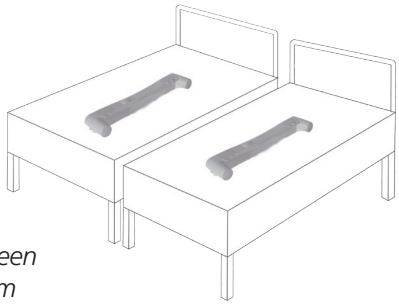
Please be aware that if you use the TD the first time or it has been disconnected from both mains and battery power, the TD RF receiver may need a very short time to be able to receive a signal.

Please be aware that the other equipment (as e.g. doorbells), which use the 433MHz can disturb the RF signal.

Under some circumstances it is not possible to run 2 or more TD's at the same time (RF signal gets distrubed).

If several systems are set up at the same time in the same store, production area showroom or similar, it may accidentally result in a TD being set up to two handsets instead of one. This setup may lead to the idea that the TD is activated by itself, which is not the case. If this happens, the setup with the desired handset must be repeated. Furthermore, please ensure that no one else is making a setup of a LINAK RF system at the same time.

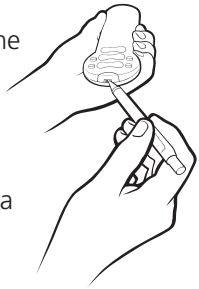
Please observe if you place 2 beds/2 x TD1 at a distance below 0.8 m, the RF signals may interfere each other and the TD1's can run irregularly.



The min. distance between the TD1 must be 0.8 m

Child lock (only by RF Handset)

To enable the function the position of the switch in the front of the transmitter must be changed.



To unlock the handset press up and down keys of the 2nd row at the same time for one sec. When the blue LED turns on the handset is unlocked for 10 sec. after last key press. Then it automatically locks again. If the up + down key is pressed more than 2 sec. the handset will lock again.

If the handset is locked and the user tries to operate it, it will give a short flash with the LED to indicate "key is pressed, but handset is locked".

Enable/Disable Child lock

To enable the function the position of the switch in the front of the transmitter must be changed.

N.B The Child lock only locks actuator functions. Therefore, it is disabled while the HB is in massage command mode.

Unlock of Child lock

Press up and down keys of the 2nd row at the same time for one sec. When the blue LED turns on the handset is unlocked.

The handset is not unlocked If the key is not are released again before the blue led turns off.

Automatic lock

The handset is unlocked for 10 sec. after last key press. Then it automatically locks again.

Signaling of handset is locked

If the handset is locked and the user tries to operate it, it will give a short flash with the LED to indicate "key is pressed, but handset is locked".

Handset for massage

HB22RF2000
(RF Transmitter)

Usage:

Enter/exit massage command mode

Sets the control in massage mode for controlling the massage functions (LED flashing) or returns to normal mode for controlling the bed adjustment (LED off).
Pressing this key has no influence on the TWINDRIVE unit except from waking it up to make its response time to massage commands shorter. If no keys are pressed in 10 min. the control will automatically go to normal mode (LED off).

Controlling the backrest massage motor

Short key press turns the backrest massage motor on or off (Left key on, right key off). Turning on a motor, which has been turned off by turning the intensity to off, starts the motor with lowest configured intensity.
Keep key pressed to adjust the intensity up or down (Left key up, right key down). Keeping the down key pressed will turn the motor off when going below minimal intensity. The intensity can be controlled when running in a massage program, but the massage program will be temporarily halted and both motors are run with currently chosen intensity until up/down-key is released.

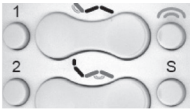
Controlling the leg rest massage motor

Short key press turns the leg rest massage motor on or off (left key on, right key off). Turning on a motor, which has been turned off by turning the intensity to off, starts the motor with lowest configured intensity.
Keep key pressed to adjust the intensity up or down (left key up, right key down). Keeping the down key pressed will turn the motor off when going below minimal intensity. The intensity can be controlled when running in a massage program, but the massage program will be temporarily halted and both motors are run with currently chosen intensity until up/down-key is released.

Controlling the massage program

Short key press on left key turns on a massage program (wave, pulse etc.) or change to next program if a program is already activated. Starting a massage program always turns on both motors at current intensity.

Short key press on right key turns off both massage motors no matter if it is running in a massage program, or separately.
Keep key pressed to adjust the motor change speed up or down (left key down, right key up)



Store and recall massage settings.

2 massage settings can be stored.
Adjust the massage to the preferred settings. Press the "S" key followed by either key "1" or "2". To recall a pervious stored setting pres key "1" or "2".

In general

Massage will turn off automatically 10 min after the last adjustment of the settings.
Adjusting the bed will turn off the massage, but massage will automatically start up again afterwards.
When turning on a single massage motor it will start up with the same intensity as it was last time it was running as a single motor.
When turning on a massage program it will start up with the same settings (program, motor change speed, intensity) as it was last time.
Turning on a massage function can also be done by keeping the up key pressed. Then it will turn on, and after a short delay adjust the intensity up.
Massage functions can only be controlled by the transmitter. The receiver is a standard hand control.

Pressing any key on the receiver will stop the massage, and adjust the bed according to the key pressed. After releasing the key, massage will automatically start up again.
In case of any error: current-limitation, high temperature or short-circuit, the massage system will stop both motors, even if only one motor is affected.

Normal operation

In normal mode to adjust the bed position, the hand control is working exactly as a normal Handset without massage functionality, except there are only 2 memory positions instead of 3. If there are any extra motors in the system, the keys to control these motors will, as normal, be placed between the leg rest keys and the "reset and massage program" keys.

Changing of the batteries (Transmitter)

1. Remove the battery cover (see *Figure 1*).
2. Use a blunt instrument to remove the battery.
3. Place 3 new batteries type R03 or LR03 (AAA) in the transmitter.
   Direction of how to place the batteries in the transmitter is showed in *Figure 2*

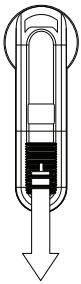


Figure 1

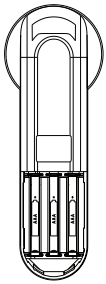


Figure 2

Emergency lowering via 9V batteries

Correct way to use the functionality:

- Be sure always to use new alkaline batteries of good quality.
- Press simultaneous down key and keep it pressed until the bed is in flat position.
- If the key is released duing the lowering, always wait 60 sec. before pressing the key again.
- Replace the batteries after having used the emergency lowering function. Batteries that have not been used must be changed after approx. 3 years.

The emergency lowering function is designed to work in normal living room temperature of approx. 15-25°C. At lower temperatures it might not be possible to use it.

Exchange/connection of 9V batteries (Type 6F22 or 6LR61)

1. Remove the clamps from the battery *(Figure 3).*
2. Use a blunt instrument with a diameter of Ø6 mm to remove the battery *(Figure 4).*
3. Push the battery upwards via the two holes in the bottom of the unit *(Figure 5).*

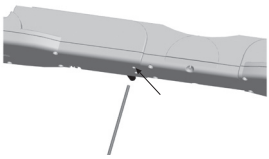


Figure 3

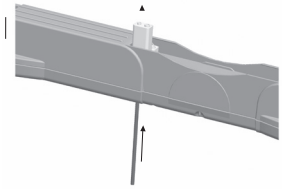


Figure 4

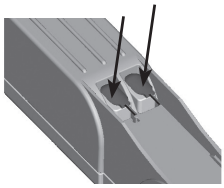


Figure 5

Disposal of batteries.

"Details regarding safe disposal of used and leaking batteries:
Batteries should be disposed in accordance with appropriate federal, state and local regulations. LINAK recommends that used or leaking batteries are disposed through local recycling system. Please do not throw used or leaking batteries in normal household waste or in nature. This will cause damage to the enviroment.

How to deal with leaking batteries.
Leaking batteries should be disposed as described above.
If leaking batteries are discovered in the product the batteries must be removed at once to minimise damage to the product. If leaking batteries are left in the product it might become defect.

It is recommended to use plastic gloves when handeling leaking batteries. The contents of a leaking batteries can cause chemical burns and respiratory irritation.

If exposed to the contents of a leaking battery, please wash with soap and water. If irritation persists, please seek medical attention. In case of eye contact, please flush eyes thoroughly with water for 15 minutes and seek medical attention."

Accessories and repair

Ordering accessories
Order from your nearest LINAK® dealer or subsidiary.

Accessories
Please contact your nearest LINAK dealer for information.

Repairs
Systems should only be repaired by an authorised LINAK service centre or engineer. Systems to be repaired under warranty must be sent to an authorised LINAK service centre.

Warning!
By unauthorised opening of the system there is a risk that it may malfunction at a later date. Furthermore, the warranty will not cover, when the product has been opened by unautorised personnel.

Spare parts
Please contact your nearest LINAK dealer for information on spare parts.

Disposal of LINAK's products

As LINAK's customers often ask us how our products can be disposed of or scrapped we have prepared this guidance that enables a classification to different waste fractions for recycling or combustion.

Guidance

We recommend to disassemble our product into as many fractions as possible at the disposal and try to make it recycable. As examples of main groups within waste fractions we can mention:

Metal, plastic, cable shoe, combustible waste, and collection for recovery.

Some of these main groups can be subdivided, e.g. metal can be divided into iron, stainless steel and aluminium, and alloy steel. Plastic can e.g. be divided into ABS, PA, PE, and PP.

As an example of sorting, please find below a list stating in which recycling groups the differenct components of LINAK's products ought to be placed:

Product	Components	Recycling group
Actuator:	Spindle and motor Plastic housing Cable	Scrap Plastic recycling or combustion Cable scrap or combustion
Massage motor:	Plastic housing Cable	Plastic recycling or combustion Cable scrap or combustion
TWINDRIVE:	PCB Plastic housing Cable Trafo Scrap Batteries Spindle and motor	Electronics scrap Plastic recycling or combustion Cable scrap Recovery Scrap
Handset/Control:	Plasic housing Cable PCB	Plastic recycling or combustion Cable scrap Electronics scrap

By now almost all our casted plastic parts are supplied with an interior code for plastic type and fibre contents, if any.

Main groups of disposal

Product main groups	Scrap	Cable scrap	Electronics scrap	Plastic recycling or combustin	Comments
LA27	X	X		X	The metals can be sorted for steel or aluminum
LA31	X	X	X	X	The metals can be sorted for steel or aluminum
TD1	X	X			The metals can be sorted for steel or aluminum
HB20		X	X	X	Remove batteries
MD1	X	X		X	
RFRL		X	X	X	

Mains cut-off

The mains cut-off function disconnect the power to the TD1 system, if the system is not used. The mains cut-off is 100% maintance-free.

The mains cut-off is available in 2 versions - an external version or an internal version.

The external version is a small box placed on the plug of the mains cable.

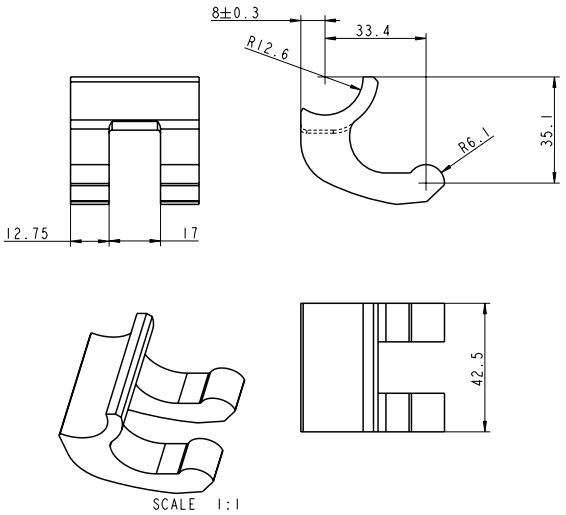
The internal version is integrated in the TD1 and thereby not visible. TD1 systems with internal mains cut-off are labelled TD1XXXXXXXXX2XX.

Please observe that TD1 systems with mains cut-off do not work in houses with "Hausfreischaltung".

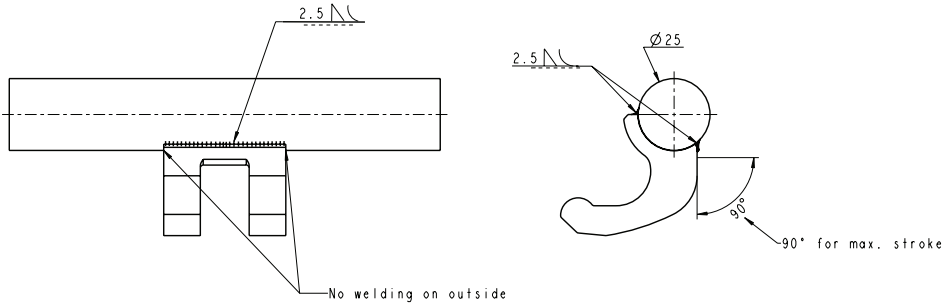
How to mount (in chronological order):

Welding the twist bracket on the frame (0701030)

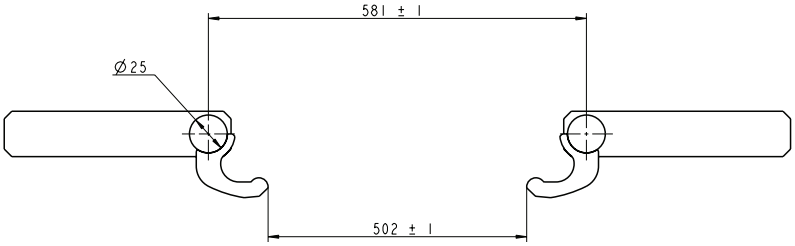
1) For the TD1 it is important that one does not weld on the outside of the twist bracket because there is not space for a welding seam in the motor housing. One may weld the bracket along the whole length of its ends.



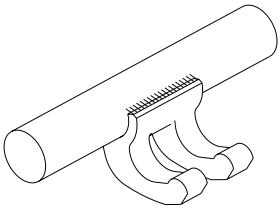
2) To maintain the correct angle of rotation of the headrest and the footrest it is important that the twist bracket is welded according to the above instructions. Non-compliance with the instructions could lead to a smaller angle of rotation or in a worst case damage to TD1.



It is very important that the axle distance is kept.



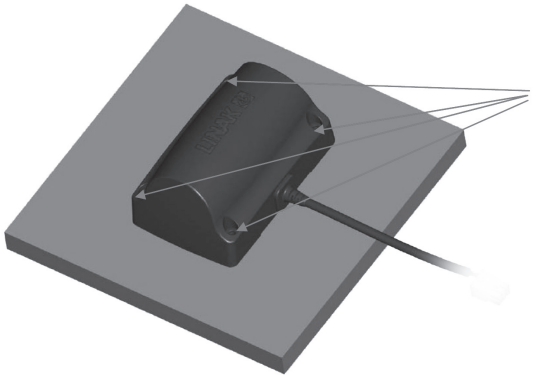
Example for correct welded twist bracket to the bedframe.



3) Before mounting, both mounting brackets must be pulled out to their outer position by pushing them back. This gives freedom of movement to the bed bracket. Mounting is done by pushing the bed bracket into the TD1 unit and thereafter pushing the mounting brackets back again.

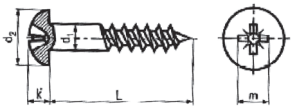
Mounting instructions of the massage motor:

Mounting on plate:

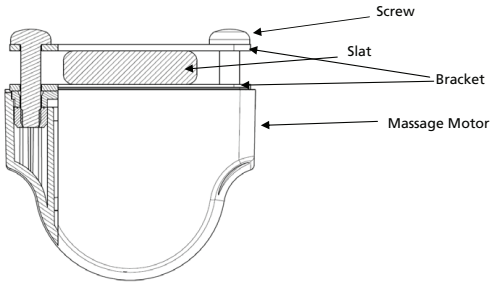


Is mounted with 4 screws

The massage unit is mounted with 4 x 4 mm round headed wood screwx with flat underside. The head must be 8 mm in diameter and in length 19 mm + the thickness of the plate where the massage motor is mounted. Torque max. 2 Nm + resistance in the plate.

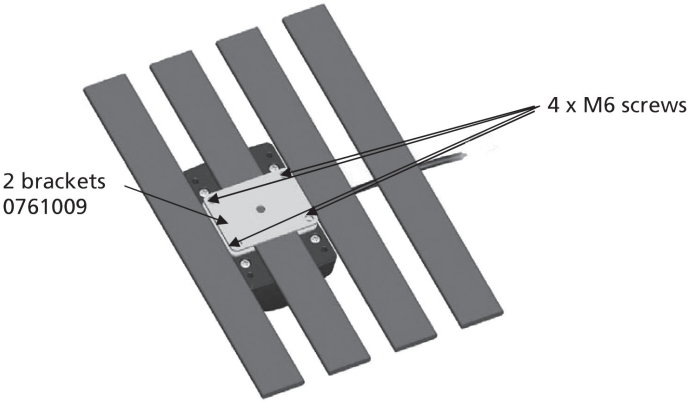


Mounting instructions of the massage motor by using brackets:



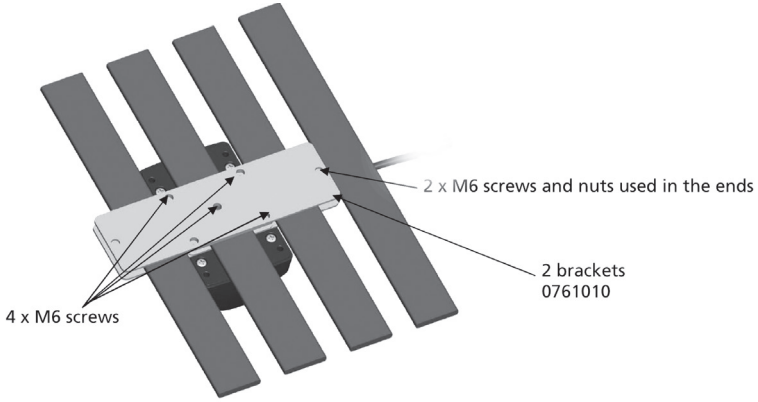
The massage unit is mounted with 4 x M6 round headed machine screws with flat underside. 15 to 20 mm long + the thickness of the bracket. Torque max. 2-3 Nm. 2 Brackets must be used – one on each side of the slat.

Mounted on one slat:



The massage motor is mounted to the slat by using 2 brackets 0761009 and 4 x M6 screws of good quality. Inside the motor 4 self-locking nuts avoid the mounting screws to get loose.

Mounted on three slats:



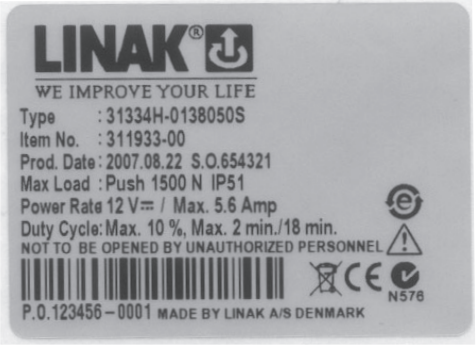
Label for the TWINDRIVE® TD1 System

LINAK®
WE IMPROVE YOUR LIFE
Item : TD1000000A00000
Date : 2006.05.09
U in : 230-240 V ~, 50 Hz
P in : 50 W
Torque : 280 Nm
Angle : Head 68° / Foot 45°
Duty Cycle: 10%, Max. 2 min./18 min.
LGA
NOT TO BE OPENED BY UNAUTHORIZED PERSONNEL
P.O.123456 – 0002 MADE BY LINAK A/S DENMARK

Label for the LA27

LINAK®
WE IMPROVE YOUR LIFE
Item No. : 273100A01100040
Prod. Date : 2007.08.22 S.O.654321
Max Load : Push 1500 N IP54
Power Rate 24 V⎓
Duty Cycle: 10 %, max. 2 min. / 18 min.
NOT TO BE OPENED BY UNAUTHORIZED PERSONNEL
N576
P.O.123456 – 0001 MADE BY LINAK A/S DENMARK

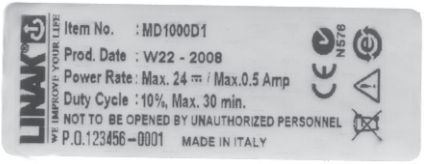
Label for the LA31


LINAK®
WE IMPROVE YOUR LIFE
Type : 31334H-0138050S
Item No. : 311933-00
Prod. Date : 2007.08.22 S.O.654321
Max Load : Push 1500 N IP51
Power Rate 12 V⎓ / Max. 5.6 Amp
Duty Cycle: Max. 10 %, Max. 2 min./18 min.
NOT TO BE OPENED BY UNAUTHORIZED PERSONNEL
N576
P.O.123456 – 0001 MADE BY LINAK A/S DENMARK

Label for the Handset HB10:

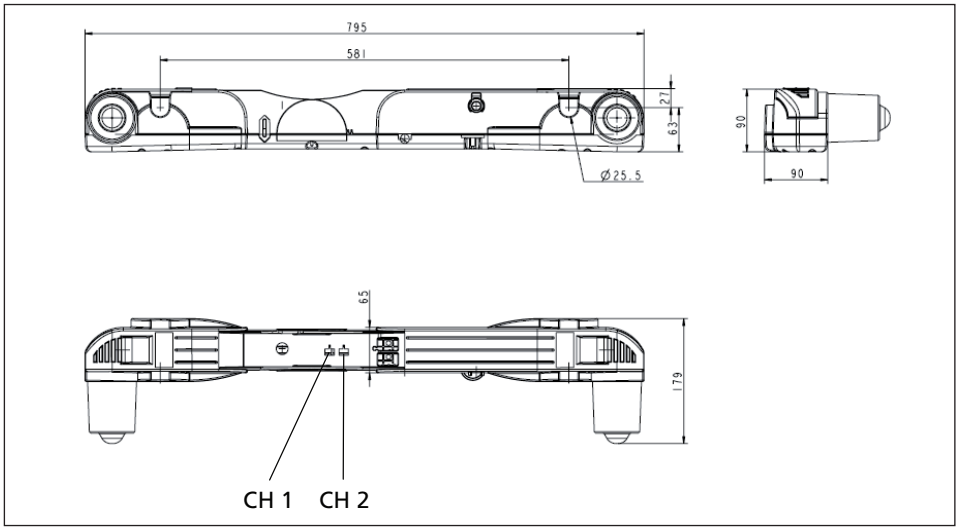
Label for the Handset HB20:

Label for the Massage Motor

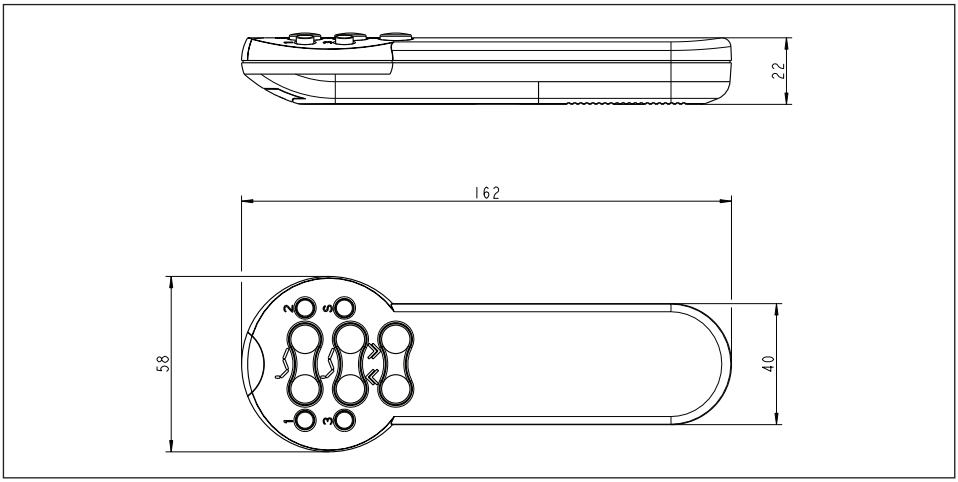

LINAK®
WE IMPROVE YOUR LIFE
Item No. : MD1000D1
Prod. Date : W22 - 2008
Power Rate : Max. 24 ⎓ / Max.0.5 Amp
Duty Cycle : 10%, Max. 30 min.
NOT TO BE OPENED BY UNAUTHORIZED PERSONNEL
N576
P.O.123456–0001 MADE IN ITALY

DRAWING APPENDIX

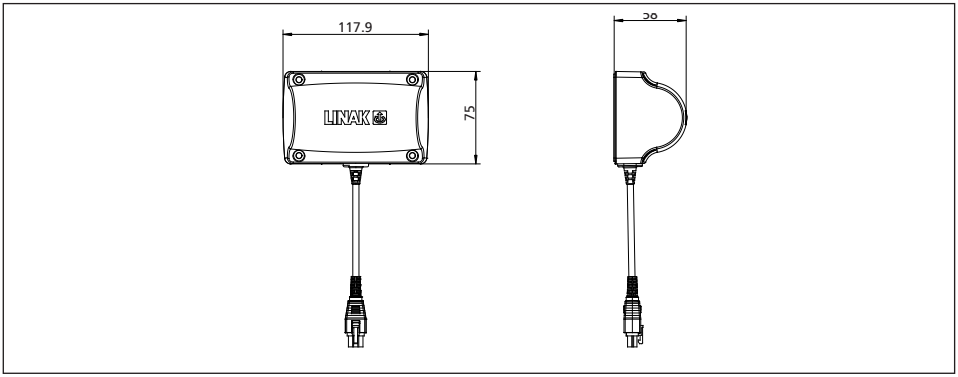
TWINDRIVE® TD1 System:



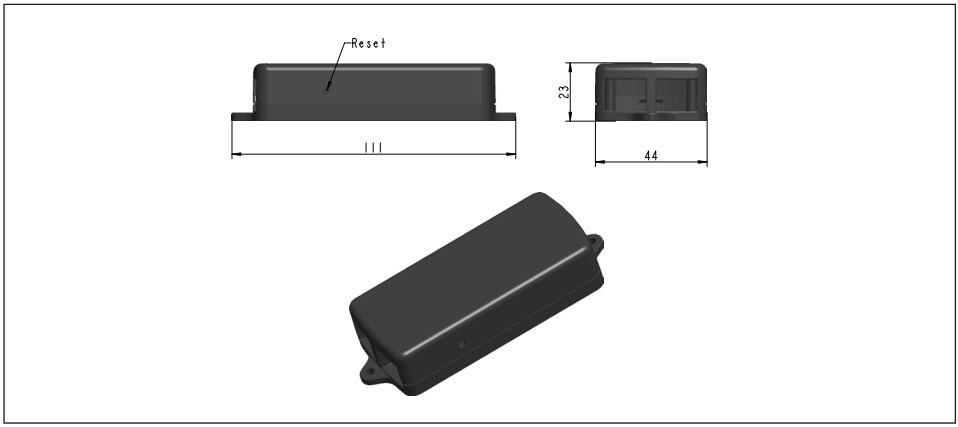
HB20 Transmitter



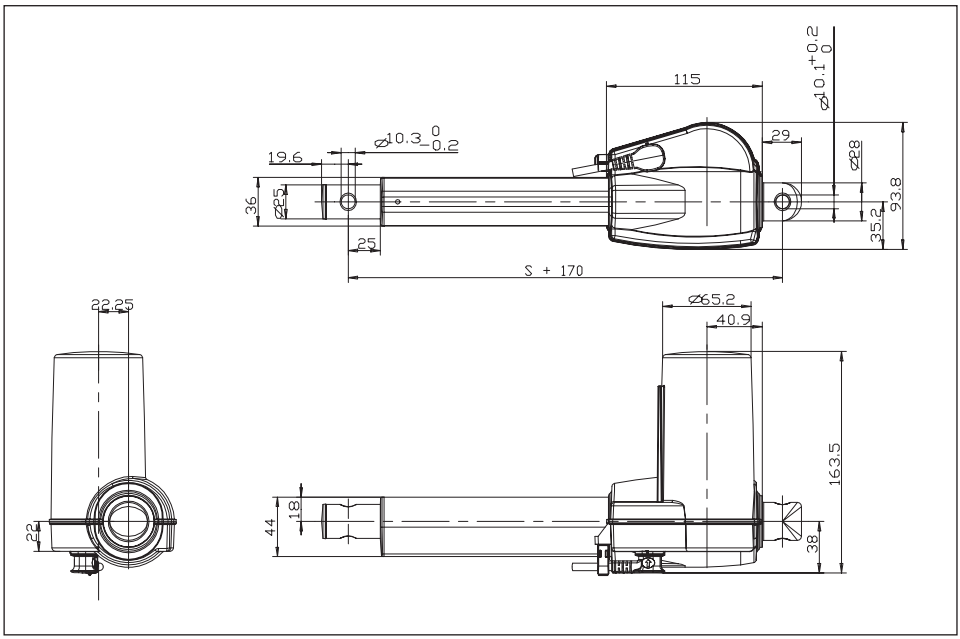
Massage motor MD1



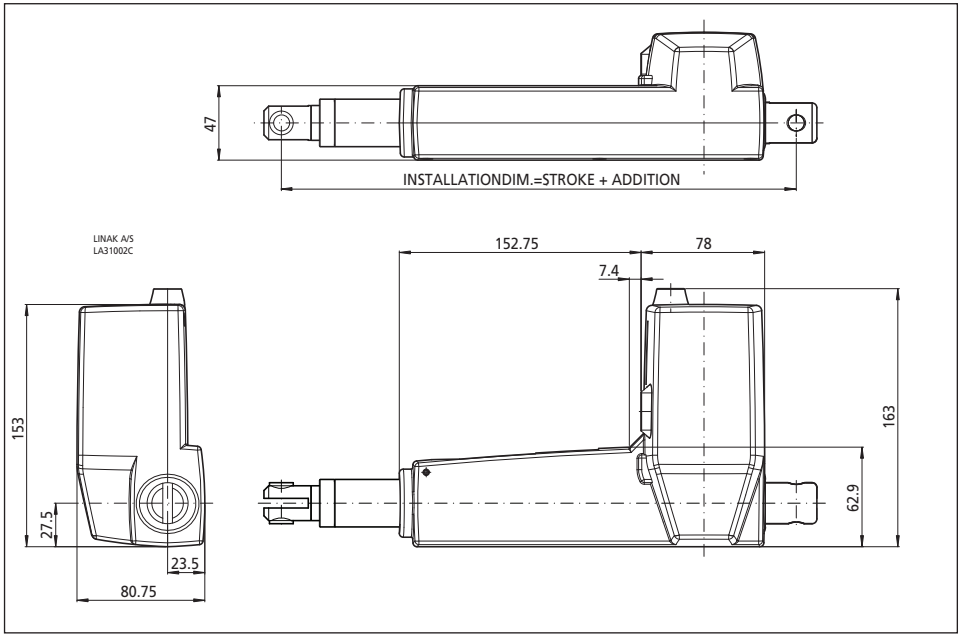
RFR box



LA27


115
⌀10.1 +0.2 0
⌀10.3 0 -0.2
19.6
29
⌀28
36
⌀25
93.8
35.2
25
S + 170
22.25
⌀65.2
40.9
163.5
22
44
18
38

LA31


47
INSTALLATIONDIM.=STROKE + ADDITION
LINAK A/S
LA31002C
152.75
78
7.4
153
163
62.9
27.5
23.5
80.75

CE

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DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

Name and address of the person authorized to compile the relevant technical documentation:
John Kling, Group Headquarters, Guderup, DK-6430 Nordborg, email jkl@linak.com

Herewith declares that LINAK Actuators and Actuator Systems comply with the following parts of the Machinery Directive 2006/42/EC, ANNEX I, *Essential health and safety requirements relating to the design and construction of machinery:*
1.5.1 Electricity supply: *Directive 2006/95/EC on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.*
1.5.10 Radiation, 1.5.11 External radiation: *Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.*

The relevant technical documentation is compiled in accordance with part B of Annex VII and that this documentation or part hereof will be transmitted by post or electronically to a reasoned request by the national authorities.

This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of this Directive, where appropriate.

Date: 2010-01-01

Signature:

John Kling
Certification and Regulatory Affairs

LINAK APPLICATION POLICY

The purpose of the application policy is to define areas of responsibilities in relation to applying a LINAK product defined as hardware, software, technical advice, etc. related to an existing or new customer application.

LINAK products as defined above are applicable for a wide range of applications within the Medical, Furniture, Desk,as and Industry areas. Yet, LINAK cannot know all the conditions under which LINAK products will be installed, used, and operated, as each individual application is unique.

The suitability and functionality of the LINAK product and its performance under varying conditions (application, vibration, load, humidity, temperature, frequency, etc.) can only be verified by testing, and shall ultimately be the responsibility of the LINAK customer using any LINAK product.

LINAK shall be responsible solely that the LINAK products comply with the specifications set out by LINAK and it shall be the responsibility of the LINAK customer to ensure that the specific LINAK product can be used for the application in question.

FACTORIES

CHINA
LINAK (Shenzhen) Actuator Systems, Ltd.
Phone: +86 755 8610 6656
Fax: +86 755 8610 6990
E-mail: sales@linak.cn
www.linak.cn

DENMARK
LINAK A/S - Group Headquarters, Guderup
Phone: +45 73 15 15 15
Fax: +45 74 45 80 48
Fax: +45 73 15 16 13 (Sales)
E-mail: info@linak.com
www.linak.com

SLOVAKIA
LINAK Slovakia s.r.o.
Phone: +421 51 75 63 414
Fax: +421 51 75 63 410
E-mail: jp@linak.sk
www.linak.com

USA
LINAK U.S. Inc.
North and South American Headquarters
Phone: +1 502 253 5595
Fax: +1 502 253 5596
E-mail: info@linak-us.com
www.linak-us.com

SUBSIDIARIES

AUSTRALIA
LINAK Australia Pty. Ltd
Phone: +61 3 8796 9777
Fax: +61 3 8796 9778
E-mail: sales@linak.com.au
www.linak.com.au

AUSTRIA
LINAK Repräsentanz Österreich (Wien)
Phone: +43 (1) 890 7446
Fax: +43 (1) 890 744615
E-mail: info@linak.de
www.linak.at

BELGIUM & LUXEMBOURG
LINAK Actuator-Systems NV/SA
Phone: +32 (0)9 230 01 09
Fax: +32 (0)9 230 88 80
E-mail: info@linak.be
www.linak.be

BRAZIL
LINAK Do Brasil Comércio De Atuadores Ltda.
Phone: +55 (11) 2832 – 7070
Fax: +55 (11) 2832 – 7060
E-mail: info@linak.com.br
www.linak.com.br

CANADA
LINAK Canada Inc.
Phone: +1 502 253 5595
Fax: +1 416-255-7720
E-mail: info@linak.ca
www.linak-us.com

CZECH REPUBLIC
LINAK C&S S.R.O.
Phone: +420581741814
Fax: +420581702452
E-mail: ponizil@linak.cz
www.linak.cz

DENMARK
LINAK Danmark A/S
Phone: +45 86 80 36 11
Fax: +45 86 82 90 51
E-mail: linak@linak-silkeborg.dk
www.linak.dk

FINLAND
LINAK OY
Phone: +358 10 841 8700
Fax: +358 10 841 8729
E-mail: linak@linak.fi
www.linak.fi

FRANCE
LINAK France E.U.R.L
Phone: +33 (0) 2 41 36 34 34
Fax: +33 (0) 2 41 36 35 00
E-mail: linak@linak.fr
www.linak.fr

GERMANY
LINAK GmbH
Phone: +49 6043 9655 0
Fax: +49 6043 9655 60
E-mail: info@linak.de
www.linak.de

INDIA
LINAK A/S India Liaison Office
Phone: +91 120 4393335
Fax: +91 120 4273708
E-mail: info@linak.in
www.linak.in

IRELAND
LINAK UK Limited - Ireland
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
+44 (0)796 855 1606 (UK Mobile)
+35 387 634 6554 (Republic Of Ireland Mobile)
E-mail: sales@linak.co.uk
www.linak.co.uk

ITALY
LINAK Italia S.r.l.
Phone: +39 02 48 46 33 66
Fax: +39 02 48 46 82 52
E-mail: info@linak.it
www.linak.it

JAPAN
LINAK K.K.
Phone: 81-45-533-0802
Fax: 81-45-533-0803
E-mail: linak@linak.jp
www.linak.jp

MALAYSIA
LINAK Actuators Sdn. Bhd.
Phone: +60 4 210 6500
Fax: +60 4 226 8901
E-mail: info@linak-asia.com
www.linak.my

NETHERLANDS
LINAK Actuator-Systems B.V.
Phone: +31 76 5 42 44 40
Fax: +31 76 5 42 61 10
E-mail: info@linak.nl
www.linak.nl

NEW ZEALAND
LINAK New Zealand Ltd.
Phone: +64 9580 2071
Fax: +64 9580 2072
E-mail: nzsales@linak.com.au
www.linak.co.nz

NORWAY
LINAK Norge AS
Phone: +47 32 82 90 90
Fax: +47 32 82 90 98
E-mail: info@linak.no
www.linak.no

POLAND
LINAK Polska
Phone: +48 (22) 500 28 74
Fax: +48 (22) 500 28 75
E-mail: dkreh@linak.dk
www.linak.pl

REPUBLIC OF KOREA
LINAK Korea Ltd.
Phone: +82-(0)2-6231-1515
Fax: +82-(0)2-6231-1516
E-mail: scully@linak.kr
www.linak.kr

RUSSIAN FEDERATION
000 LINAK
Phone: +7 495 280 14 26
Fax: +7 495 687 14 26
E-mail: info@linak.ru
www.linak.ru

SPAIN
LINAK Actuadores, S.L.u
Phone: +34 93 588 27 77
Fax: +34 93 588 27 85
E-mail: linakact@linak.es
www.linak.es

SWEDEN
LINAK Scandinavia AB
Phone: +46 8 732 20 00
Fax: +46 8 732 20 50
E-mail: info@linak.se
www.linak.se

SWITZERLAND
LINAK AG
Phone: +41 43 388 31 88
Fax: +41 43 388 31 87
E-mail: info@linak.ch
www.linak.ch

TAIWAN
LINAK A/S Taiwan Representative Office
Phone: +886 2 27290068
Fax: +886 2 27290096
Mobile: +886 989292100
E-mail: michael.chen@linak.com.tw
www.linak.com.tw

TURKEY
LINAK İth. İhr. San. ve Tic. A.Ş.
Phone: + 90 312 4726338
Fax: + 90 312 4726635
E-mail: info@linak.com.tr
www.linak.com.tr

UNITED KINGDOM
LINAK UK Limited
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
E-mail: sales@linak.co.uk
www.linak.co.uk

DISTRIBUTORS

ARGENTINA
Novotec Argentina SRL
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COLOMBIA
MEM Ltda
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Fax: +[57] (1) 282-1684
E-mail: servicioalcliente@memltda.com.co
www.memltda.com.co

INDONESIA
Pt. Himalaya Everest Jaya
Phone: +6 221 544 8956,
+6 221 544 8965
Fax: +6 221 619 4658,
+6 221 619 1925
E-mail: hejplastic-div@centrin.net.id
www.hej.co.id

IRAN
Bod Inc.
Phone: +98 2188998635-6
Fax: +98 2188954481
E-mail: info@bod.ir
www.bod.ir

PERU
Percy Martin Del Aguila Ubillus
Phone: +51 99-883-9879

RUSSIAN FEDERATION
000 FAM
Phone: +7 812 3319333
Fax: +7 812 3271454
E-mail: purchase@fam-drive.ru
www.fam-drive.ru

SINGAPORE
Servo Dynamics Pte. Ltd.
Phone: +65 6844 0288
Fax: +65 6844 0070
E-mail: servodynamics@servo.com.sg
www.servo.com.sg

SOUTH AFRICA
Industrial Specialised Applications CC
Phone: +27 11 312 2292 or +27 11 2077600 (Switch Board)
Fax: +27 11 315 6999
E-mail: garth@isagroup.co.za
www.isaza.co.za

UNITED ARAB EMIRATES
Mechatronics
Phone: +971 4 267 4311
Fax: +971 4 267 4312
E-mail: mechtron@emirates.net.ae
www.mechatronics.ae

For contact details on other countries please visit *www.linak.com* or contact:

LINAK INTERNATIONAL
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